

Docket No.
P5751DIV 246251-010069

Declaration and Power of Attorney For Patent Application

English Language Declaration

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

ACCURATE CRYOGENIC LIQUID DISPENSER

the specification of which

(check one)

☐ is attached hereto.

☒ was filed on February 13, 2003 as United States Application No. or PCT International Application Number 10/366,743 and was amended on _____

(if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or Section 365(b) of any foreign application(s) for patent or inventor's certificate, or Section 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Priority Not Claimed

(Number)

(Country)

(Day/Month/Year Filed)

☐

(Number)

(Country)

(Day/Month/Year Filed)

☐

(Number)

(Country)

(Day/Month/Year Filed)

☐

I hereby claim the benefit under 35 U.S.C. Section 119(e) of any United States provisional application(s) listed below:

_____	_____
(Application Serial No.)	(Filing Date)
_____	_____
(Application Serial No.)	(Filing Date)
_____	_____
(Application Serial No.)	(Filing Date)

I hereby claim the benefit under 35 U. S. C. Section 120 of any United States application(s), or Section 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. Section 112, I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, C. F. R., Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

09/632,604	August 4, 2000	Pending
_____	_____	_____
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
_____	_____	_____
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
_____	_____	_____
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. *(list name and registration number)*

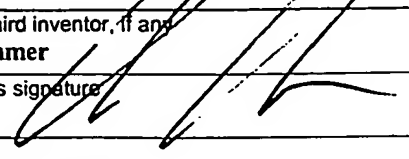
Mark I. Feldman	Reg. No. 26,880
Michael L. Kenaga	Reg. No. 34,639
James P. Ryther	Reg. No. 20,424
Joel H. Bootzin	Reg. No. 42,343
R. Blake Johnston	Reg. No. 41,097
David J. Richter	Reg. No. 26,221
Thomas W. Ryan	Reg. No. 43,072
Jefferson Perkins	Reg. No. 31,407
Micah R. Onixt	Reg. No. 47,834
Aimee E. McVady	Reg. No. 48,720

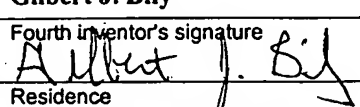
Send Correspondence to: **R. Blake Johnston, Esq.**
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P. O. Box 64807
Chicago, Illinois 60664-0807

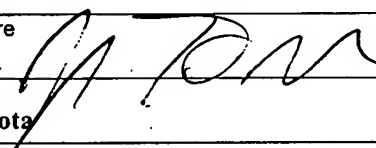
Direct Telephone Calls to: *(name and telephone number)*
R. Blake Johnston (312) 368-8921

Full name of sole or first inventor Thomas K. Drube
Sole or first inventor's signature <i>Thomas K. Drube</i>
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Citizenship U.S.A.
Post Office Address 3505 County Road 42 West
Burnsville, Minnesota 55306-3803

Full name of second inventor, if any Paul A. Drube
Second inventor's signature <i>Paul A. Drube</i>
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Residence Burnsville, Minnesota
Citizenship U.S.A.
Post Office Address 3505 County Road 42 West
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Full name of third inventor, if any Claus D. Emmer	
Third inventor's signature 	Date 5/6/03
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Citizenship U.S.A.	
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Full name of fourth inventor, if any Gilbert J. Bily	5/6/03
Fourth inventor's signature 	Date
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Burnsville, Minnesota 55306-3803	

Full name of fifth inventor, if any Jesse Gamble	
Fifth inventor's signature 	Date 5/11/03
Residence Burnsville, Minnesota	
Citizenship	
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Full name of sixth inventor, if any	
Sixth inventor's signature	Date
Residence	
Citizenship	
Post Office Address	



5751

UNITED STATES
PATENT AND
TRADEMARK OFFICE

NOVEMBER 04, 2003

PTAS

Chief Financial Officer and Chief Administrative Officer
Washington, DC 20231
www.uspto.gov

PIPER RUDNICK
R. BLAKE JOHNSTON, ESQ.
P.O. BOX 64807
CHICAGO, IL 60664-0807



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UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 05/22/2003

REEL/FRAME: 014101/0155
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

DRUBE, THOMAS K.

DOC DATE: 04/23/2003

ASSIGNOR:

DRUBE, PAUL A.

DOC DATE: 04/24/2003

ASSIGNOR:

EMMER, CLAUD D

DOC DATE: 05/06/2003

ASSIGNOR:

BILY, GILBERT J.

DOC DATE: 05/06/2003

ASSIGNOR:

GAMBLE, JESSE

DOC DATE: 05/01/2003

ASSIGNEE:

CHART INC.
3505 COUNTY ROAD 42 WEST
BURNSVILLE, MINNESOTA 55306-3803

RECEIVED

NOV 10 2003

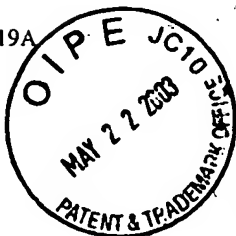
8mc.
PIPER MARBURY RUDNICK & WOLFE
entered 11-11-03

014101/0155 PAGE 2

SERIAL NUMBER: 10366743
PATENT NUMBER:

FILING DATE: 02/13/2003
ISSUE DATE:

PAULA MCCRAY, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS



28465
PATENT TRADEMARK OFFICE

05-29-2003



102465411

RECORDATION FORM COVER SHEET
PATENTS ONLY

5 22-03

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

☒ New

☐ Resubmission (Non-Recordation)

Document ID#

☐ Correction of PTO Error

Reel #

Frame #

☐ Corrective Document

Reel #

Frame #

Conveyance Type

☒ Assignment

☐ Security Agreement

☐ License

☐ Change of Name

☐ Merger

☐ Other

U.S. Government

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☐ Departmental File

☐ Secret File

Conveying Party(ies)

☒ Mark if additional names of conveying parties attached

Name (line 1) DRUBE, Thomas K.

Execution Date
Month Day Year
04/23/2003

Name (line 2)

Second Party

Name (line 1) DRUBE, Paul A.

Execution Date
Month Day Year
04/24/2003

Name (line 2)

Receiving Party

☐ Mark if additional names of receiving parties attached

Name (line 1) CHART INC.

Name (line 2)

Address (line 1) 3505 County Road 42 West

Address (line 2)

Address (line 3) Burnsville

MN

55306-3803

City

State/Country

Zip Code

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

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Address (line 2)

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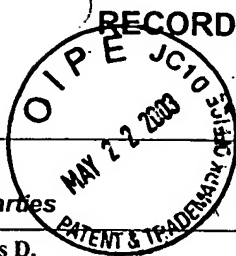
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U.S. Department of Commerce
Patent and Trademark Office
PATENT

Conveying Party(ies)

Enter additional Conveying Parties

☐ Mark if additional names of conveying parties attached

Name (line 1) EMMER, Claus D.

Execution Date
Month Day Year
05/06/2003

Name (line 2)

Name (line 1) BILY, Gilbert J.

Execution Date
Month Day Year
05/06/2003

Name (line 2)

Name (line 1) GAMBLE, Jesse

Execution Date
Month Day Year
05/01/2003

Name (line 2)

Receiving Party

☐ Mark if additional names of receiving parties attached

Name (line 1)

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

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Address (line 3)

City

State/Country

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Name (line 1)

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Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

Correspondent Name and Address

Area Code and Telephone Number (312) 368-4000

Name R. Blake Johnston, Esq.

Address (line 1) PIPER RUDNICK

Address (line 2) P.O. Box 64807

Address (line 3) Chicago, IL 60664-0807

Address (line 4)

Pages

Enter the total number of pages of the attached conveyance document
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☐ Mark if additional numbers attached

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Patent Application Number(s)

Patent Number(s)

10/366743

If this document is being filed together with a new Patent Application, enter the date the patent application
was

Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number
only if a U.S. Application Number
has not been assigned.

PCT PCT PCT

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Number of Properties

Enter the total number of properties involved.

1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00

Method of Payment:

Enclosed ☒Deposit Account ☐

Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the

Deposit Account Number:

18-2284

Authorization to charge additional fees:

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No



Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any
attached copy is a true copy of the original document. Charges to deposit account are authorized, as
indicated herein.

Aimee E. McVady / Reg. No. 48,720

Name of Person Signing

Aimee E. McVady

Signature

5/15/03

Date

ASSIGNMENT

Serial No.: 10/366,743
 Filed: February 13, 2003

In consideration of One Dollar and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned hereby assign(s) to Chart Inc., its successors, legal representatives and assigns (hereafter "the assignee") the entire right, title and interest in the invention of improvements entitled ACCURATE CRYOGENIC LIQUID DISPENSER and in the application for Letters Patent of the United States therefor, executed by the undersigned on the 10 day of May, 2003, and in any reissue, extension, division or continuation of any Letters Patent that may be granted upon said application or applications. The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

For said consideration the undersigned hereby agree(s), upon the request of said assignee, to execute any and all divisional, continuation and renewal applications for said invention or improvements, and any necessary oath or supplemental oath or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted said application that said assignee may deem necessary or expedient, and for said considerations the undersigned further agree(s) upon the request of said assignee, in the event of said application or any division thereof, or Letters Patent issued thereon, or any reissue or application for the reissue thereof, becoming involved in interference, to cooperate with said assignee, in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, and the undersigned hereby agree(s) to perform, upon said request, any and all affirmative acts to obtain said Letters Patent and vest all rights therein hereby conveyed in the said assignee as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made.

And for the said considerations the undersigned hereby assign(s) to said assignee the entire right, title and interest in said invention or improvement for any and all foreign countries and agree(s) upon the request of said assignee to execute any and all documents in connection with any and all applications for foreign Letters Patent therefor, including the prosecution thereof, and to execute any and all documents necessary to vest title said foreign applications and patents in said assignee.

4/23/03
 Date
4/24/03
 Date
5/6/03
 Date
5/6/03
 Date
5/1/03
 Date

Thomas K. Drube
 Thomas K. DRUBE
Paul A. Drube
 Paul A. DRUBE
Claus D. Emmer
 Claus D. EMMER
Gilbert J. Bily
 Gilbert J. BILY
Jesse Gamble
 Jesse GAMBLE

State of Minnesota)
 County of Dakota) SS

On this 6th day of May, 2003, before me, a Notary Public in and for the County and State aforesaid, appeared Thomas K. Drube, Paul A. Drube, Claus D. Emmer, Gilbert J. Bily and Jesse GAMBLE to me personally known to be the same person(s) who subscribed to the foregoing instrument, and acknowledged that execution of said document was a free and voluntary act for the uses and purposes therein expressed.

WITNESS my hand and seal the day and year last above given

Rosemary Grimm
 Notary Public